

## ABSTRACT OF THE DISCLOSURE

A switch using indicators for address learning. The switch has a first activator configured to control a first indicator to indicate when a source address needs to be learned and when a source address has been learned. A second activator is configured to control a second indicator to indicate when a destination address has not been learned and when a destination address has been learned. Finally, a third activator is configured to control a third indicator to indicate when a source address has not been learned in all switches.